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TI - COOKER
IN - SUZUKI TADASHI;KIMURA KUNIO;TAKEUCHI YASUHIRO;KISHINO
YOSHIKO;WATANABE YOSHIHIRO
PA - MATSUSHITA ELECTRIC IND CO LTD
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IN - SUZUKI TADAMI; others:04
PA - MATSUSHITA ELECTRIC IND CO LTD
TI - COOKER
AB - PURPOSE:To purify the oily smoke in a cooker by providing a circulating apparatus in its cooking chamber and disposing an oxidizing catalyst in said circulating route at the position exposed in said chamber.
- CONSTITUTION:In the case of a cooker provided with sheath heaters 2 in the upper and lower parts in its cooking chamber 1 and shelves 3 in the intermediate part, a suction port 6 is provided in the upper surface of the wall 5 in the chamber and a circulating port 10 at the lower part of the chamber wall side surface, then said ports are allowed to communicate with each other by a circulating route 12. In the suction port 6 an oxidizing catalyst8 is provided so as to be exposed in the cooking chamber 1, while a circulating fan 7 is provided in the circulating route 12. Thereby, the air in the chamber is sucked through the suction port 6 and made to circulate into the chamber through the circulating port 10. In this case the oily smoke emitted from the material 9 being cooked is oxidized and decomposed to convert into energy as well as to purify.
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PATENT ABSTRACTS OF JAPAN

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(57) Abstract:

PURPOSE: To purify the oily smoke in a cooker by providing a circulating apparatus in its cooking chamber and disposing an oxidizing catalyst in said circulating route at the position exposed in said chamber.

CONSTITUTION: In the case of a cooker provided with sheath heaters 2 in the upper and lower parts in its cooking chamber 1 and shelves 3 in the intermediate part, a suction port 6 is provided in the upper surface of the wall 5 in the chamber and a circulating port 10 at the lower part of the chamber wall side surface, then said ports are allowed to communicate with each other by a circulating route 12. In the suction port 6 an oxidizing catalyst 8 is provided so as to be exposed in the cooking chamber 1, while a circulating fan 7 is provided in the circulating route 12. Thereby, the air in the chamber is sucked through the suction port 6 and made to circulate into the chamber through the circulating port 10. In this case the oily smoke emitted from the material 9 being cooked is oxidized and decomposed to convert into energy as well as to purify.

